

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
JEEK-0002

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known see 37 CFR 1.5)  
10/551,334

INTERNATIONAL APPLICATION NO.  
PCT/CN2004/000516

INTERNATIONAL FILING DATE  
21 May 2004 (21.05.2004)

PRIORITY DATE CLAIMED  
22 May 2003 (22.05.2003)

TITLE OF INVENTION METHOD OF INACTIVATING VIRUS IN CIRCULAR BLOOD AND ITS APPLICATIONS IN  
TREATING VIRAL DISEASES

APPLICANT(S) FOR DO/EO/US Weixing WU and Yuen KAM

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4).
10. ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 20. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.182-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - Communication;
  - return postcard.

EV427090181US

EXPRESS MAIL Mailing Label No. EV 427090181 US  
Date of Deposit: June 8, 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5) <b>10/551,334</b>		INTERNATIONAL APPLICATION NO. <b>PCT/CN2004/000516</b>		ATTORNEY DOCKET NUMBER <b>JEEK-0002</b>	
The following fees are submitted:					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))		<b>\$300</b>		\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		<b>\$0.00</b>		\$	
All other situations		<b>\$200</b>			
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		<b>\$0</b>			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		<b>\$100</b>			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		<b>\$400</b>			
All other situations		<b>\$500</b>			
<b>TOTAL of 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in electronic medium) (37 CFR 1.492(j)). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50=		X <b>\$250</b>	\$	
Surcharge of <b>\$130.00</b> for furnishing any of the search fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				<b>\$130.00</b>	
Claims	Number Filed	Number Extra	Rate		
Total claims	29- 20 =	9	X <b>\$50</b>	<b>\$450.00</b>	
Independent Claims	2- 3 =	0	X <b>\$200</b>	<b>\$0</b>	
Multiple dependent claims(s) (if applicable)			+ <b>\$360</b>	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$580.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$290.00</b>	
<b>SUBTOTAL =</b>				<b>\$290.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$290.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$290.00</b>	
				Amount to be: refunded	\$
				Amount to be charged	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

- a. ☒ A check in the amount of \$290.00 to cover the above fee is enclosed.
- b. ☐ Please charge my Deposit Account No. 23-3050 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

John W. Caldwell  
Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
(215) 568-3100

  
SIGNATURE

Brian A. Cocca  
NAME

58,583  
REGISTRATION NUMBER

The PTO did not receive the following  
listed item(s) no check

**DOCKET NO.: JEEK-0002**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re patent application of:** Weixing Wu and Yuen Kam

**U.S. Serial No.:** 10/551,334

**International Application No.:** PCT/CN2004/000516

**International Filing Date:** 21 May 2004

**For:** METHOD OF INACTIVATING VIRUS IN CIRCULAR BLOOD AND ITS APPLICATION IN TREATING VIRAL DISEASES

**EXPRESS MAIL LABEL NO:** EV 427089988 US  
**DATE OF DEPOSIT:** August 3 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EV427089988US

Sir:

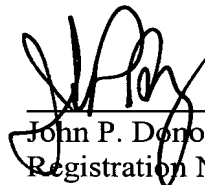
**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

In response to the "Notification of Missing Requirements", dated June 15, 2006, applicant submits herewith, a copy of such notice. The required item, namely, the executed Declaration/Power of Attorney and appropriate surcharge were previously submitted on June 8, 2006. A copy of the previously filed executed Declaration/Power of Attorney is enclosed.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Respectfully submitted,

Date: August 3, 2006

  
\_\_\_\_\_  
John P. Donohue  
Registration No. 29,916

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

JWC1 BAC

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/551,334	Weixing Wu	JEEK-0002

INTERNATIONAL APPLICATION NO.	
PCT/CN04/00516	
I.A. FILING DATE	PRIORITY DATE
05/21/2004	05/22/2003

23377  
 WOODCOCK WASHBURN LLP  
 ONE LIBERTY PLACE, 46TH FLOOR  
 1650 MARKET STREET  
 PHILADELPHIA, PA 19103

RECEIVED

JUN 20 2006

Woodcock Washburn

CONFIRMATION NO. 4526

371 FORMALITIES LETTER



\*OC000000019270928\*

Date Mailed: 06/15/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/29/2005
- English Translation of the IA filed on 09/29/2005
- Copy of the International Search Report filed on 09/29/2005
- Copy of IPE Report filed on 09/29/2005
- Oath or Declaration filed on 09/29/2005
- Small Entity Statement filed on 09/29/2005
- Request for Immediate Examination filed on 09/29/2005
- U.S. Basic National Fees filed on 09/29/2005
- Priority Documents filed on 09/29/2005
- Specification filed on 09/29/2005
- Claims filed on 09/29/2005
- Abstracts filed on 09/29/2005
- Drawings filed on 09/29/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Small Entity:

- **\$130** for English translation surcharge required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/551,334	PCT/CN04/00516	JEEK-0002